

Title (en)
Diplexer for a reflector antenna

Title (de)
Diplexer für eine Reflektorantenne

Title (fr)
Duplexeur pour une antenne à réflecteur

Publication
EP 2363912 B1 20150506 (DE)

Application
EP 11001735 A 20110302

Priority
DE 102010010299 A 20100304

Abstract (en)
[origin: EP2363912A1] The diplexer (1) has a hollow conductor arrangement (5) for forming two coaxial hollow conductor gates. The hollow conductor arrangement comprises an annular hollow conductor (7) in which a signal is processed during operation of the diplexer. An inner conductor (8) is arranged at the interior of the hollow conductor. Another signal with reduced frequency than the former signal is processed in another circular hollow conductor (9), where the latter hollow conductor surrounds the former hollow conductor. The two conductors are ended with same or different heights. An independent claim is also included for a method for processing a diplexer.

IPC 8 full level
H01P 1/213 (2006.01); **H01P 1/162** (2006.01)

CPC (source: EP US)
H01P 1/162 (2013.01 - EP US); **H01P 1/2133** (2013.01 - EP US); **H01P 1/2138** (2013.01 - EP US)

Citation (examination)
EP 1369955 A2 20031210 - HARRIS CORP [US]

Cited by
CN107302123A; CN107275727A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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